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Frank P. Troy:
Xerox has prepared a firmware upgrade for products in its Phaser and WorkCentre family of office MFDs and printers. The upgrade, based on the common Xerox IP Core Software version (hence designated as XIPCSv) software platform, enables IPv6 network capability as well as new features. According to the DoD IPv6 Standard Profiles for IPv6 Capable Products (Version 3.0, July 2008), these products are categorized as Simple Network Servers.

Firmware upgrade releases will be available separately for each of the following products, all of which are based on the common Xerox IP Core Software version:

- WorkCentre 4260
- WorkCentre 4250
- WorkCentre 3730
- WorkCentre 3740
- WorkCentre 3210
- WorkCentre 3220
- Phaser 3635MFP
- Phaser 3300MFP
- Phaser 3600

The XIPCSv6.6.3.P network stack has been tested, and at this time conforms to the standards as specified for a Simple Network Server in the Department of Defense Internet Protocol Version 6 Generic Test Plan Version 3 (August 2007).

The XIPCSv6.6.3.P is unique to a specific network family of products. Network Family being defined by the lower (OS) and upper (embedded) networking code. This Networking Family will be across the mentioned products listed in this letter. This network family code supports a HTTP server for features that are listed as "Base Requirements" in Appendix F of the IPv6 Generic Test Plan.

XIPCSv6.6.3.P supports the following required RFC's as indicated under "Base Requirements" in Appendix F of the IPv6 Generic Test Plan:

- ☐ RFC 2460, Internet Protocol v6 (IPv6) Specification
- ☐ RFC 2461, Neighbor Discovery for IPv6
- ☐ RFC 2462, IPv6 Stateless Address Auto-configuration
- ☐ RFC 4007, IPv6 Scoped Address Architecture
- ☐ RFC 4193, Unique Local IPv6 Unicast Addresses
- ☐ RFC 4291, IP Version 6 Addressing Architecture
- ☐ RFC 4443, Internet Control Message Protocol (ICMPv6)
- ☐ RFC 2710, Multicast Listener Discovery (MLD) for IPv6
- ☐ RFC 2464, Transmission of IPv6 Packets over Ethernet

☐ RFC 2616, Hypertext Transfer Protocol -- HTTP/1.1

XIPCSv6.6.3.P supports the following recommended RFC's as indicated under "Advanced Server", in Appendix F of the IPv6 Generic Test Plan:

☐ RFC 1981, Path MTU Discovery for IPv6
☐ RFC 3810: Multicast Listener Discovery Version 2 (MLDv2) for IPv6
☐ RFC 3484, Default Address Selection for IPv6
☐ RFC 3596, DNS Extensions to Support IPv6
☐ RFC 4213, Transition Mechanisms for IPv6; support Dual-Stack function

In addition to support for RFC's defined above, we plan to apply the XIPCSv6.6.3.P for industry standard IPv6 Ready Gold Logo signifying achievement of the highest standard of IPv6 RFC conformance and interoperability currently available from the IPv6 Forum.

Sincerely,

Raymond Valukonis
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